

# CLIMATE ACTION TEAM

## Research Working Group

### Near-Term Implementation Plan

### Climate Change Science Research Catalog

**Working Group Overview:** The Research Working Group is a forum for communication and collaboration among agencies that perform or sponsor climate change research, and between agencies and the public.

**Working Group Agencies:** ARB, SFB CDC, Cal/EPA, CalRecycle, CDFA, Coastal Commission, Conservation, CPUC, DFG, Caltrans, CEC, CAL FIRE, OEHHA, CDPH, OPR, Parks, Resources, Coastal Conservancy, DWR, SWRCB

#### Research Catalog Implementation Plan

- A) Description: The Research Working Group is assembling a catalog of climate change research. The catalog will include research from State agencies, both in-house and sponsored. It will be available online for the public, researchers, and agency staff.
- B) Agencies Represented: All, led by CEC.
- C) Measure/strategy numbers:
- D) Metrics:

#### Task 1: Collect Data

Purpose: The purpose of this task is to collect the data on research projects from agencies.

- A) Subtask 1: Define the information (fields) and the categories and sub-categories that will be used to describe different projects and summarize results.
  - a) Description: Agencies sponsor multiple types of research, some directly funded for climate change purposes and some primarily for other purposes but with significant climate value. Defining the fields will determine what analysis could be done with the collected data. Including projects that indirectly support climate change science will more fully capture the breadth of climate change research supported by the State of California.
  - b) Deliverables: The deliverable is a template with the information required for the different projects and a description of what is required for the different fields.
  - c) Agency roles: Provide input on the design of the science catalog, approve a template and instructions to be used to collect the needed information, and supply the required information for their climate change science projects.
  - d) Timeline: Done
  - e) Crosscutting issues: None identified.
- B) Subtask 2: Review of draft climate science catalog
  - a) Description: The group will review the preliminary results obtained via the collected data and make suggestions on how to improve the science catalog.

- b) Deliverables: The deliverables will be a revised structure for the science catalog incorporated in a spreadsheet workbook and the complete data from each agency.
  - c) Agency roles: CEC will be the recipient of the data. Each of the other agencies will collect the requested information and submit it to CEC.
  - d) Timeline: Done .
- C) Future data
- a) Description: The group will collect from each agency its list of projects performed or sponsored in each subsequent fiscal year.
  - b) Deliverables: The deliverable will be updates to the research databases in a standard format.
  - c) Agency roles: CEC will be the recipient of the data. Each of the other agencies will collect the requested information and submit it to CEC.
  - d) Timeline: Each agency will submit its data to CEC by June 30 each year. CEC will have the data in the database by August 15th each year.
  - e) Crosscutting issues: None identified.

### **Task 2: Aggregate and describe data**

Purpose: The purpose of this task is to aggregate the data on climate change research projects and describe it for policy makers.

- a. Description: Staff will analyze the data collected for trends, gaps in research, and areas of overlap and potential collaboration. Where useful, they will create charts and graphs to show funding distribution.
- b. Deliverables: Staff will report their findings to the CAT.
- c. Agency roles: CEC will lead and other agencies will collaborate on data analysis and report writing.
- d. Timeline: The Working Group will complete a brief analysis and deliver it to the CAT by July 30, 2010.
- e. Crosscutting Issues: None identified.

### **Task 3: Post catalog online**

Purpose: The purpose of this task is to provide access to the research catalog for agency staff, researchers, and the general public.

- a. Description: The group will create a searchable database for the research catalog and post the database online.
- b. Deliverables: The deliverable will be web posting of a searchable database.
- c. Agency roles: The CEC will post and host the database.
- d. Timeline: CEC will post the database by August 30, 2010.
- e. Crosscutting issues: None identified.

### **Task 4: Develop a technology catalog**

Purpose: The purpose of this task is to develop a separate catalog for research on GHG reduction technologies.

- a. Description: During the development of the research science catalog it became apparent that it would be extremely useful to develop a catalog for research on GHG reducing technologies.
- b. Deliverables: Since CPUC and CEC are the main agencies involved on technology development they are charged with the design of the draft template for the technology catalog. Both agencies will seek input from the other agencies to make sure the structure will work for all the agencies involved.
- c. Agency roles: Comment on the design of the structure of the technology catalog and provide the data to the CEC.
- d. Timeline: CPUC and CEC will develop the draft template for the catalog by June 15th to start the process with the goal of having a draft technology catalog in or August. More time may be required to complete this task.

### **Task 5: Expand catalog**

Purpose: The purpose of this task is to continue to improve the database by expanding its coverage.

#### **A) Subtask 1: CCST Study**

- a. Description: ARB has a contract with the California Council on Science and Technology to survey California universities and national labs on their climate research projects. This subtask will attempt to incorporate the results of that survey into the catalog.
- b. Deliverables: If possible, the deliverable will be the incorporation of the CCST survey into the database.
- c. Agency roles: ARB will work with CCST to receive data in a format that can be added to the catalog with minimal effort for further processing.
- d. Timeline: If merging the CCST database is found feasible, considering the resource constraints faced by all agencies this task would be accomplished in about three months after the receipt of CCST data.
- e. Crosscutting issues: None identified.

### **Summary Table:**

<u>Deliverable</u>	<u>Agencies</u>	<u>Deadline</u>
Template for the draft science catalog	All	done
Revised structure of the science catalog	All	done
Science Catalog and analysis	All	07/30/10
Online posting of the science catalog	CEC	08/30/10
Template for the draft technology catalog	CEC,CPUC	06/15/10
Technology catalog	All	TBD
Expand catalog	All	TBD